

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: February 12, 2002, 11:38:03 ; Search time 26.39 Seconds
(without alignments)
140.699 Million cell updates/sec

Title: US-09-604-938-1
Perfect score: 846
Sequence: 1 APPRLICDSRVLELYLEAK.....SNFLRGKLYTGEACRTGD 165

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues
Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
1: /cgn2_5/ptodata/2/iaa/5A_COMB.pep.*
2: /cgn2_5/ptodata/2/iaa/5B_COMB.pep.*
3: /cgn2_5/ptodata/2/iaa/5A_COMB.pep.*
4: /cgn2_5/ptodata/2/iaa/5B_COMB.pep.*
5: /cgn2_5/ptodata/2/iaa/PCTUS_COMB.pep.*
6: /cgn2_5/ptodata/2/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	845	100.0	166	1	US-08-318-193-70 Sequence 70, Appl

us-09-604-938-1.ra1

Best Local Similarity 100.0%; Pred. No. 3.9e-100;
Matches 165; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	APPRLICDSRVLELYLEAKAEINTTGAHCNSLNENITVPTKYNFYAWKRMEVQQA	60
Db	1	APPRLICDSRVLELYLEAKAEINTTGAHCNSLNENITVPTKYNFYAWKRMEVQQA	60
QY	61	VEVMQGLALLSEAVLRGQALLVNSQPWEPLQLHVDKAVSGLSRLTLRLALGAQKEAIS	120
Db	61	VEVMQGLALLSEAVLRGQALLVNSQPWEPLQLHVDKAVSGLSRLTLRLALGAQKEAIS	120
QY	121	PPDAASAAPLRTITADTFRKLFYVSNFLRGKLYTGEACRTGD	165
Db	121	PPDAASAAPLRTITADTFRKLFYVSNFLRGKLYTGEACRTGD	165

Query Match 100.0%; Score 846; DB 1; Length 166;

ALIGNMENTS

RESULT 1
US-08-318-193-70
Sequence 70, Application US/08318193
Patent No. 5641663
GENERAL INFORMATION:
APPLICANT: GARVIN, Robert T.
APPLICANT: MALEK, Lawrence T.
TITLE OF INVENTION: AN EXPRESSION SYSTEM FOR THE SECRETION
OF BIOACTIVE HUMAN GRANULOCYTE MACROPHAGE COLONY
STIMULATING FACTOR (GM-CSF) AND OTHER HETEROLOGOUS
PROTEINS FROM STREPTOMYCES
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
STATE: Virginia
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/318,193
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,314
FILING DATE:
APPLICATION NUMBER: US 07/224,568
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 18740/116 CACO
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INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 166 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-318-193-70